

PTO/SB/21 (09-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)

8

Total Number of Pages in This Submission

Application Number 10/081,872 Filing Date February 21, 2002 First Named Inventor Walter CALLEN Art Unit 1652 Examiner Name R. Prouty Attorney Docket Number 564462006100

ENCLOSURES (Check all that apply)							
X Fee Transr (1 page + c		Drawing(s)		After Allowance Communication to TC			
Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences			
Amendmer	nt/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After	Final	Petition to Convert to a Provisional Application		Proprietary Information			
Affida	avits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address		Status Letter			
Extension	of Time Request	Terminal Disclaimer		X Other Enclosure(s) (please Identify below):			
Express At	pandonment Request	Request for Refund CD, Number of CD(s)		Form PTO/SB/08a/b (1 page + duplicate) 3 References Return Receipt Postcard			
Information (3 pages)	Disclosure Statement						
Certified Copy of Priority Document(s)		Landscape Table on CD					
	issing Parts/ Application	Remarks					
Repl	y to Missing Parts under FR 1.52 or 1.53	Customer No. 45975					
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm Name							
Signature							
Printed name							
Date	April 12, 2005		Reg. No.	38,440			

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Dated: April 12, 2005

Signature:

(Rhea Amid)

APR 1 2 2005

PTO/SB/17 (12-04v2)
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Effective on 12/08/2004.			Complete if Known				
Fees pursuant to the C		ntions Act, 2005 (H.R. 4818)	Application N	umber 1	0/081,872		
FEE TRANSMITTAL			Filing Date	Filing Date February 21, 2002			
	First Named I	Named Inventor Walter CALLEN					
For FY 2005			Examiner Nan	Examiner Name R. E. Prouty			
X Applicant clai	ms small entity status	s. See 37 CFR 1.27	Art Unit		1652		
TOTAL AMOUNT	OF PAYMENT	(\$) 180.00	Attomey Dock	et No.	64462006100) 	
METHOD OF PA	YMENT (check a	ll that apply)		,			
Check	Credit Card	Money Order N	lone Othe	r (please identi	fy):		
x Deposit Accour	nt Deposit Account Nu	mber: 03-1952 Deposit	Account Name:	Mor	rison & Foerst	er LLP	
For the abo	ve-identified depos	it account, the Director	is hereby author	ized to: (chec	k all that apply)		
x Charg	e fee(s) indicated	pelow	Cha	rge fee(s) ind	icated below, ex	cept for th	ne filing fee
	e any additional fe under 37 CFR 1.1	e(s) or underpayment 6 and 1.17	of x Cred	lit any overpa	yments		
FEE CALCULAT	ION						
1. BASIC FILING, S							
	FIL	ING FEES S Small Entity	EARCH FEES		ATION FEES		
Application Type	Fee (\$)	Fee (\$) Fee	Small Entit (\$) Fee (\$)	Y <u>Fee (\$)</u>	Small Entity Fee (\$)	Fees F	Paid (\$)
Utility	300	150 50	0 250	200	100		
Design	200	100 10	0 50	130	65		
Plant	200	100 30	0 150	160	80		
Reissue	300	150 50	0 250	600	300	-	
Provisional	200	100	0 0	0	0		
2. EXCESS CLAIM	FEES						Small Entity
Fee Description Each claim over 20	(including Reissu	(29				Fee (\$) 50	Fee (\$) 25
Each independent c		•				200	100
Multiple dependent		,				360	180
Total Claims	Extra Claims	Fee (\$) Fe	Paid (\$)	Mu	ıltiple Depende		
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Indep. Claims	Extra Claims	Fee (\$) Fe	Paid (\$)				
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If the specification	and drawings exc	eed 100 sheets of pap					
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	. , . , . ,	additional 50 or fi	•	Fee (\$)	Fee F	Paid (\$)
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4. OTHER FEE(S)						Fees	Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00							
SUBMITTED BY		1/1					
Signature	2	Som	Registration No. (Attorney/Agent)	38,440	Telephone	(858) 72	0-5133
Name (Print/Type) Gi	regory P. Einhorn	1			Date	April 12	, 2005

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Alexandria, VA 22313-1450, on the date shown below.

Dated: April 12, 2005

Signature:

(Rhea Amid)

PATENT Docket No. 564462006100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Walter CALLEN et al.

Serial No.: 10/081,872

Filing Date: February 21, 2002

For: ENZYMES HAVING ALPHA

AMYLASE ACTIVITY AND METHODS

OF USE THEREOF

Examiner: R. Prouty

Group Art Unit: 1652

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS After Final Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

The documents listed on the attached Form PTO/SB/08a/b were cited in a Supplementary Partial European Search Report mailed on March 11, 2005, directed to a counterpart international or foreign application and have not been previously cited. A certification under 37 C.F.R. § 1.97(e)(1) follows:

sd-253790

I hereby certify that each item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filling of this Information Disclosure Statement.

	This In	formation Disclosure Statement is submitted:
	With	the application; accordingly, no fee or separate requirements are required.
	Befor	e the mailing of a first Office Action after the filing of a Request for Continued
	Exam	ination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97
	(e)(1)	has been provided.
	Withi	n three months of the application filing date or before mailing of a first Office Action
	on the	e merits; accordingly, no fee or separate requirements are required. However, if
	applic	cable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
	After	receipt of a first Office Action on the merits but before mailing of a final Office Action
	or No	tice of Allowance.
		A fee is required. A check in the amount of is enclosed.
		A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to
		this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is
		believed to be due.
\boxtimes	After	mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue	fee.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the
		amount of is enclosed.
	\boxtimes	A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal
		form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petitions for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 564462006100. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April /2, 2005

Respectfully submitted,

Gregory P. Einhorn

Registration No.: 38,440

MORRISON & FOERSTER LLP 3811 Valley Centre Drive, Suite 500

San Diego, California 92130

(858) 720-5133

APR 1 2 2005

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known				
Application Number	10/081,872			
Filing Date	February 21, 2002			
First Named Inventor	Walter CALLEN			
Art Unit	1652			
Examiner Name	R. Prouty			
Attorney Docket Number	564462006100			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

FOREIGN PATENT DOCUMENTS							
Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
-		ite	Date Date	Date Name of Patentee or	Date Name of Patentee or Where Relevant Passages		

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	1.	Database Uniprot 'Online! (2000). Alpha amylase-pyrococcus woesei, XP002317659 retrieved from EBI, Database Accession No. Q9P9LO.	
	2.	Jones et al. (1999). Journal of Applied Microbiology 86(1):93-107 XP002317658.	
	3.	Supplementary Partial European Search Report mailed on March 11, 2005, for European Patent application No. 02723192.7, based on PCT/US02/05068 filed on February 21, 2002.	

^{*}EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date	
Signature	Considered	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.